

What is claimed is

1. A luminescence audio unit structure, comprising:
 - a holder, an expanding opening formed in front of the holder, a magnetic element and a voice coil set in back of the holder;
 - 5 a vibrating membrane set inside the expanding opening and a voice coil covered by the vibrating membrane;
 - a membrane tray set inside the expanding opening, a internal diameter of the membrane tray adhered to the voice coil; and
 - an electro luminescence piece stuck on the vibrating membrane and
 - 10 connected to the voice coil.
2. A luminescence audio unit structure as in claim 1, wherein the electro luminescence piece is shaped as word patterns or drawings
3. A luminescence audio unit structure as in claim 1, further comprising a transformer connected between the electro luminescence piece and the voice
- 15 coil.
4. A luminescence audio unit structure as in claim 3, wherein the transformer is set inside the vibrating membrane.
5. A luminescence audio unit structure, comprising:
 - a holder, an expanding opening formed in front of the holder, a magnetic
 - 20 element and a voice coil set in back of the holder;
 - a vibrating membrane set inside the expanding opening, a voice coil covered by the vibrating membrane;
 - a membrane tray set inside the expanding opening, a internal diameter of the membrane tray adhered to the voice coil; and
 - 25 an electro luminescence piece stuck on the membrane tray and connected to

the voice coil.

6. A luminescence audio unit structure as in claim 5, wherein the electro luminescence piece is shaped as word patterns or drawings.
7. A luminescence audio unit structure as in claim 5, wherein the electro luminescence piece is stuck to parts or overall surface of the membrane tray.
8. A luminescence audio unit structure as in claim 5, further comprising a transformer connected between the electro luminescence piece and the voice coil.
9. A luminescence audio unit structure as in claim 8, wherein the transformer is set inside the vibrating membrane.
10. A luminescence audio unit structure, comprising:
 - a holder, an expanding opening formed in front of the holder, a magnetic element and a voice coil set in back of the holder;
 - a vibrating membrane set inside the expanding opening, a voice coil covered by the vibrating membrane;
 - a membrane tray set inside the expanding opening, a internal diameter of the membrane tray adhered to the voice coil;
 - a binding coil surrounded the holder;
 - a plane vibrating membrane stuck on the binding coil; and
 - an electro luminescence piece stuck on the plane vibrating membrane and connected to the voice coil.
11. A luminescence audio unit structure as in claim 10, wherein the electro luminescence piece is shaped to be word patterns or drawings.
12. A luminescence audio unit structure as in claim 10, further comprising a transformer connected between the electro luminescence piece and the voice

coil.

13. A luminescence audio unit structure as in claim 12, wherein the transformer is set inside the vibrating membrane.